

Converting Colors

Hex(864FD2)

Have a look what the booklet for
Hex(864FD2) contains.

Hex(864FD2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(864FD2)

Conversions

Conversions Part 1

Format	Color
Hex	864FD2
RGB	134, 79, 210
RGB Percent	53%, 31%, 82%
CMY	0.4745, 0.6902, 0.1765
CMYK	0.36, 0.62, 0.00, 0.18
HSL	265°, 59%, 57%
HSV	265°, 62%, 82%
XYZ	24.2604, 15.3134, 62.6499
YIQ	110.3790, -9.2710, 52.4010

Conversions

Conversions Part 2

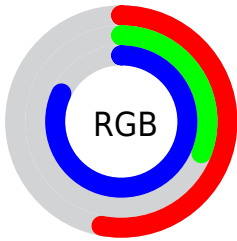
Format	Color
RYB	134, 79, 210
Decimal	8802258
CIELab	46.06, 49.67, -59.35
CIELCh	46, 77.387, 309.925
Yxy	15.3134, 0.2373, 0.1498
Android (android.graphics.Color)	4286992338 (0xFF864FD2)
YUV	110.3790, 49.1132, 20.7156
Hunter-Lab	39.1324, 42.1804, -67.5290

Details

The Hex color **864FD2** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **9BD24F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BF83FF**, and **4D1C9A** is the 20% darker color. If you saturate the color by 10%, you get **7A3AD2**, and if you desaturate by 10%, it is **9264D2**.

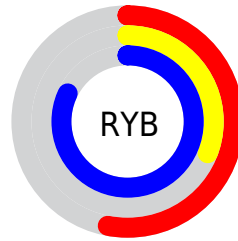
Distribution



Red (53%)

Green (31%)

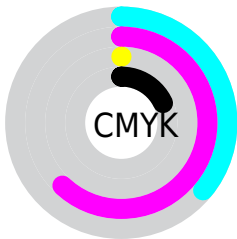
Blue (82%)



Red (53%)

Yellow (31%)

Blue (82%)

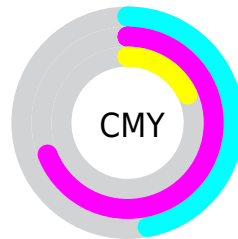


Cyan (36%)

Magenta (62%)

Yellow (0%)

Black (18%)



Cyan (47%)

Magenta (69%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 864FD2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 864FD2 by changing the saturation by 10% instead.

 864FD2

 864FD2

FFFFFF

 6A36B6

 BF83FF

 4D1C9A

 DD9EFF

 2F0080

 FBB9FF

 060066

 FFD5FF

 00004D

 FFF2FF

 000535

 00021F

 000002

 000000

864FD2

864FD2

7A3AD2

9264D2

6E25D2

9E79D2

6110D2

AB8ED2

5800D2

B7A3D2

C3B8D2

CFCDD2

DBE2D2

E7F7D2

F4FFD2

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



006FEF



864FD2



C71B9B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



864FD2



A75900



008882

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



864FD2



9BD24F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00853D



864FD2



727100

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



864FD2



CD311B



1D7F00



0087C0

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



864FD2



D90070



1D7F00



00876B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



864FD2



E3CFFF



4F9BD2



6E6280



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



864FD2



9040FF



C74FD2



625E69



4700A8



110029

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D24F9B



FF40AF



5AD24F



695E64



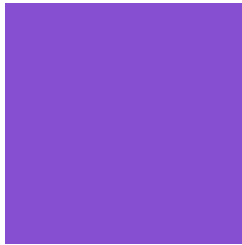
A80062



290018

Previews

White Background



This preview shows how the Hex color 864FD2 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

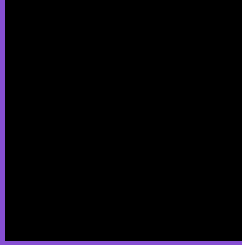
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 864FD2 Background



This preview shows how black text looks on a background with the Hex color 864FD2.

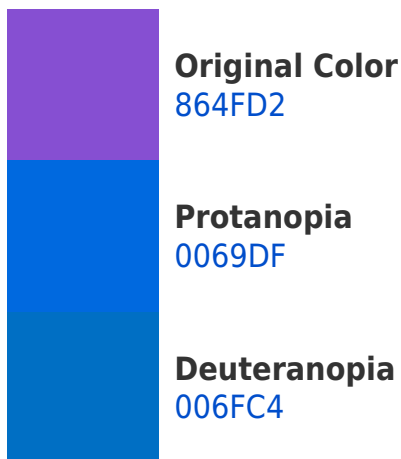



This preview shows how white text looks on a background with the Hex color 864FD2.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

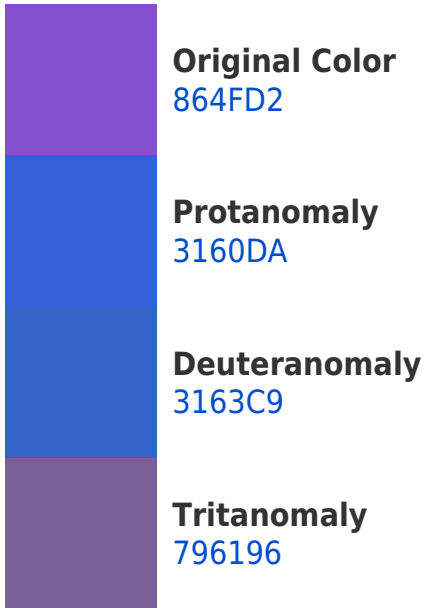
Dichromacy



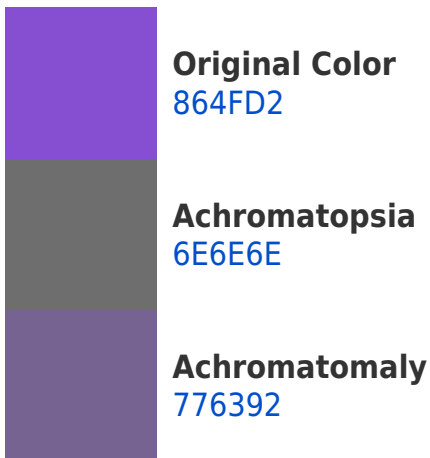


Tritanopia
726B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 864FD2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #864FD2 looks like.

```
.text, #text, p{  
    color:#864FD2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #864FD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #864FD2
}
```

Border

The CSS property to change the border of an element to Hex 864FD2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#864FD2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#864FD2 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #864FD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #864FD2; -webkit-box-shadow:4px 4px  
4px 4px #864FD2; box-shadow:4px 4px 4px  
4px #864FD2 }
```

Background

The CSS property to change the background color of an element to Hex 864FD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#864FD2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#864FD2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor